

PAVI-25,964

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John P. Havener, Stephen Piche, Donald Semrad and Brian K. Stephenson
Serial No.: 10/082,783
Filed: February 25, 2002
US Patent No.: n/a
Issued: n/a
Group: n/a
Examiner: n/a
For: A METHOD FOR OPTIMIZING A PLANT WITH MULTIPLE INPUTS

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope addressed
to Commissioner of Patents and Trademarks, Washington, DC 20231 on
5/20/02
(Date of Deposit)

Gregory M. Vassiljev
(Name of Corresponding Person)
Gregory M. Vassiljev
(Signature)
5/20/02
(Date of Signature)

Dear Sir:

NOTICE OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS (37 C.F.R. § 1.28(b))

Applicant hereby notifies the Patent and Trademark Office that it is no longer entitled to status as a small entity, and that the previously-filed verified statement and claim for small entity status is hereby withdrawn.

Respectfully submitted,

~~HOWISON, THOMA & ARNOTT, L.L.P.
Attorneys for Applicant~~

Gregory M. Howison
Registration No. 30,646

GMH/clm
P.O. Box 741715
Dallas, Texas 75374-1715
972/479-0460
May 20, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/082,783 | 02/25/2002 | John P. Havener | PAVI-25,964 |

CONFIRMATION NO. 4434

25883
 HOWISON, THOMA & ARNOTT, L.L.P.
 P.O. BOX 741715
 DALLAS, TX 75374-1715

FORMALITIES LETTER

██
 OC000000007877963

Date Mailed: 03/20/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$828.
 - = \$576 for 32 total claims over 20.
 - = \$252 for 3 independent claims over 3 .
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1698.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

PAVI-25,964

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John P. Havener, Stephen Piche, Donald Semrad and Brian K. Stephenson
 Appl. No.: 10/041,769
 Filed: January 8, 2002
 Grp./A.U.: 2121
 Examiner: Not Yet Assigned
 Title: A METHOD FOR OPTIMIZING A PLANT WITH MULTIPLE INPUTS

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on 5/28/02
 (Date of Deposit)

G. M. Howison
 (Name of Person Mailing Document)

Gregory M. Howison
 (Signature)

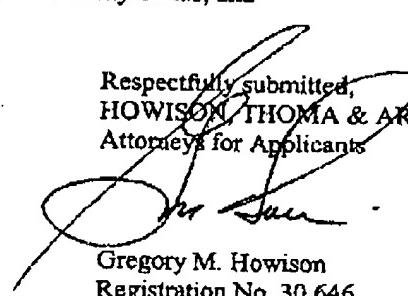
5/28/02
 (Date of Signature)

**SUBMISSION OF MISSING PARTS
OF APPLICATION UNDER 37 C.F.R. 1.53**

Enclosed are the following items for filing in the above-referenced U.S. Patent Application:

1. A check in the total amount of \$1,698.00 to cover the filing fee (37 C.F.R. 1.16(a) et seq.) of \$1,568.00 and the surcharge set forth in 37 C.F.R. 1.16(e) of \$130.00. Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/PAVI-25,964 of HOWISON, THOMA & ARNOTT, L.L.P.;
2. Copy of Form PTO-1533 - Notice to File Missing Parts of Application;
3. Notice of Loss of Entitlement to Small Entity Status; and
4. Preliminary Amendment.

Respectfully submitted,
 HOWISON, THOMA & ARNOTT, L.L.P.
 Attorneys for Applicant


 Gregory M. Howison
 Registration No. 30,646

GMH:jk
 P.O. Box 741715
 Dallas, Texas 75374-1715
 Tele: 972-479-0462
 Fax: 972-479-0464
 May 20, 2002

SUBMISSION OF MISSING PARTS

S/N 10/041,769

SENT BY: HOWISON, & ARNO;

972 479 0464

; MAR - 18 2004 23:15;

PAGE 1

HOWISON & ARNOTT, L.L.P.

A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

Attorneys:
JOHN J. ARNOTT, P.C.
ARTHUR BRADY
DAVID C. CAIN
GREGORY M. HOWISON, P.C.

ATTORNEYS AT LAW
PATENT AND TRADEMARK MATTERS

Two LINCOLN CENTRE
5420 LBJ Freeway, Suite 660
Dallas, Texas 75240-2318
Telephone (972) 479-0462
Facsimile (972) 479-0464

Austin Office:
Telephone (512) 328-3994

OFFICIAL

CONFIRMATION SENT VIA FIRST CLASS MAIL
YES NO

NUMBER OF PAGES TO FOLLOW

FACSIMILE COVER SHEET

DATE: March 18, 2004
TO: Examiner Kidest Bahta (Group 2125)
COMPANY: U. S. Patent Office
FAX NUMBER: Centralized Fax: (703) 872-9306
FROM: Howison & Arnott, L.L.P. (Gregory M. Howison)
Yanela O. Carpenter/Legal Assistant to Mr. Howison
OUR FILE : PAVI-25,964
SERIAL NO.: 10/082,783
ATTACHED: Copy of the postcard indicating receipt by the Patent Office on April 11, 2002.

The information contained in or attached to this FAX message is intended only for the confidential use of the individual(s) named above. If you are not the named recipient or an agent responsible for delivering it to the named recipient, you are hereby notified that you have received this document in error and that review, dissemination or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original documents to us by mail. Thank you

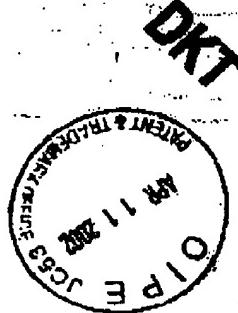
COMMENT: Dear Ms. Bahta, as per our conversation, enclosed are the documents which were originally submitted on May 20, 2002.

Should you need additional information, please let us know.

If there are any problems with this transmission,
please contact Yanela Carpenter, Legal Assistant at 972-680-6053

Atty: GMH
Check #14520 \$1,698.00
SN/Pat.N. 10/082,783
Title: A METHOD FOR OPTIMIZING A
PLANT WITH MULTIPLE INPUTS
Inventor(s): John P. Havener, Stephen Piche,
Donald Semrad and Brian K.
Stephenson
Mld: 5/20/02 Due: 5/20/02
File: PAVI-25,964
Exp. Mail Cert. No. —
Papers: M. Pts. Notice (1), PAM (7), Marked version (),
M. Pts. Trns. (1), Fee Trns. (1), Status Change (1)

Filed in the USPTO on:



SENT BY: HOWISON, & ARNO;

972 479 0464

; MAR - 18 2004 23:15;

PAGE 3

HOWISON, THOMA & ARNOTT, L.L.P.

14520

| ID#: | COMMISSIONER OF PATENTS | | CHECK NO: 14520 | | |
|----------|-------------------------|--------------|-----------------|-------------|----------------|
| REF. NO. | YOUR INVOICE NUMBER | INVOICE DATE | INVOICE AMOUNT | AMOUNT PAID | DISCOUNT TAKEN |
| | PAVI-25964 | 05/20/2002 | \$1,698.00 | \$1,698.00 | \$0.00 |

HOWISON, THOMA & ARNOTT, L.L.P.
12225 GREENVILLE AVE., STE 985
DALLAS, TX 75243
(972) 479-0462

BANK ONE, NA
DALLAS, TEXAS 75201
32-61-1110

CHECK NO. 14520 CHECK DATE 05/20/2002 VENDOR NO. PTO

One thousand six hundred ninety-eight and NO/100

CHECK AMOUNT

\$1,698.00

THE
IDER
COMMISSIONER OF PATENTS
& TRADEMARKS
Washington, DC 20231



PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,698.00)

Complete If Known

| | |
|----------------------|------------------|
| Application Number | 10/041,769 |
| Filing Date | 1/8/02 |
| First Named Inventor | Havener |
| Examiner Name | Not yet assigned |
| Group Art Unit | 2121 |
| Attorney Docket No. | PAVI-25,964 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number
Deposit Account Name

20-0780/PAVI-25,964

Howison, Thoma & Arnott, L.L.P.

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|-------------|---|----------|
| 105 | 130 | 205 | 65 Surcharge - late filing fee or oath | 130.00 |
| 127 | 50 | 227 | 25 Surcharge - late provisional filing fee or cover sheet | |
| 138 | 130 | 139 | 130 Non-English specification | |
| 147 | 2,520 | 147 | 2,520 For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 Extension for reply within first month | |
| 116 | 380 | 216 | 195 Extension for reply within second month | |
| 117 | 890 | 217 | 445 Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 Notice of Appeal | |
| 120 | 310 | 220 | 155 Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 Design issue fee | |
| 144 | 600 | 244 | 300 Plant issue fee | |
| 122 | 130 | 122 | 130 Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) | |
| 148 | 710 | 246 | 355 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 Request for Continued Examination (RCE) | |
| 189 | 900 | 169 | 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | |

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|----------|
| 52 | -20** = 32 | X 18 | = 576.00 |
| 5 | - 3** = 3 | X 84 | = 252.00 |
| | | | = 828.00 |

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | |
|---------------|---------------|-----------------|--|
| 103 | 18 | 203 | 9 Claims in excess of 20 |
| 102 | 80 | 202 | 40 Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 828.00)

*For number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

SUBMITTED BY

Gregory M. Howison

Registration No.
(Attorney/Agent)

30,646

Complete (if applicable)

Telephone 972-479-0462

Signature

Date 5/20/02

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.